



RESEARCH PAPER ON “A PERFORMANCE OF GANDEVI CO-OPERATIVE SUGAR INDUSTRY IN SOUTH GUJARAT REGION”

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ABSTRACT

In India after during the time of freedom development of industries dependent on Agro-Product was given most important, in which especially Sugar industry. In India and Gujarat, especially in South Gujarat, governments of that the promoted the establishment and development of sugar Industry. So, this area is known as hub of co-operative sector. The sugar factories of south Gujarat have played considerable role for the proud of India and Gujarat due to the best performance and contribution. Among Which “Shree Farmer Co-operative sugar Industry Ltd.” is known as the biggest sugar-factory in Asia. In Gujarat, the plantation area and production of sugarcane has constantly grown in the south Gujarat Region. In 1961-62 there were 2 Co-operative sugarcane societies. Now the number has reached up to 23. The different factories have their crushing capacities form 800 TCD up to 1000 TCD. The Credit goes to sugar factories for changing the standard of living economically and socially of more than 4 lakh farmers of the south Gujarat.

The research paper refers to the Economic performance of “co-operative sugar factory Gandevi” of the South Gujarat Region.

INTRODUCTION:

In Gujarat there are various co-operative societies dependent on Agro-products. In which the sugarcane producing societies hold the first place. These societies have played important role in developing the economically and socially the people of the village areas. In 1961-62 there were 2 factories of sugarcane now a days the number have grown up to 23 in which 15 factories are in working condition

(2019-20) out of which 16 factories are in the south Gujarat. About 65,500 tonne of sugarcane is crushed now a days about in 2.40 to 2.50 Lakh hectors sugarcane is planted. 1.21 lakh hectors of area is planted with sugarcane only Surat district of the south zone. Which covers 50% of area total plantation area. More than 4 lakh farmers family is connected with this sugar industry. This industry plays important contribution to their progress and development.

LITERATURE REVIEW :

Sr. No.	Title - Author	Abstract	Research Issue/ Result	Year of Publication
1.	“Growth and Development in Indian and World Sugar Industries” - Jaya	Has focused on the role of Indian sugar industry in the world sugar market.	Sugar industry requires more competitive edge which can be given by way of modernization, enhancing productivity and manufacturing excellent quality sugar at competitive prices.	2012
2.	“Growth of Co-Operative Sugar Industry in South Gujarat” - Tvisha Parmar	The paper explains important factors which are responsible for establishment of sugar co-operatives as well also focuses on profile of the selected sugar co-operatives in the South Gujarat region.	The primary factors that are observed during the study determining the concentration of large number of co-operative sugar factories particularly in South Gujarat region of Gujarat state are suitable agro-climate conditions, irrigation and transportation facilities, availability of labour and raw material, local leadership of cane growers and favourable government policy.	2019
3.	“Study of Cooperative Sugar Industry Working in Surat District” - Patel Fenil K.	There is a total of 9 sugar factories operating in Surat district. And all those sugar factories operate on a cooperative basis.	In this the main issues which are taken into consideration are the production capacity of sugar industry, daily crushing of sugarcane, recovery and number of members.	2020

OBJECTIVE OF THE STUDY:

To know the economic performance and present-day situation of co-operative sugar industry, GANDEVI.

RESEARCH METHODOLOGY:

The necessary information for research study has to be receive form various reliable sources. Therefore, all the figurative information has been received from various sources. Today there are 23 sugar factories, out of which 15 are in working condition at present. Out of with 16 are situated in south Gujarat region only. Out which I have selected sugar factory Gandevi to know the Growth and progress and encouraging factors. Which is necessary for the study survey. The annual survey will also be taken into consideration. The published figures and annual audit report will be considered faith fully.

Time Period:

Last 10 years of data has been analysed from 2010-11 to 2019-20.

Co-operative Sugar factory, Gandevi, Dist: Navsari:

In India, Maharashtra comes first in the matter of sugarcane (production) and sugar production, where as our Gujarat comes second in this matter. First co-operative sugar factory was established in 1955, Bardoli, in Gujarat. There after the third sugar factory was established in Gandevi in 1956, which was inaugurated by late Shri Morarji Desai on 23th December 1962. Which crushed daily

400 tonnes of sugarcane initially and become famous in the south Gujarat region by all means and norms.

In 1983-84 its crushing capacity grown up to 2000 tonnes in 1991-92 it reached up to 3500 tonnes daily. In the same year this sugar factory has crushed 3,65,040 tonnes and produced 4,38,390 quintals of sugar and getting 11.97% recovery it has got first place in Gujarat. There after this factory increased crushing capacity from 3500 to 5000 TCD in 1997-98. The same is on continuously up to present.

Form 2010-11 crushing season, this factory has got various awards like, the Best Performance, The Highest Crushing, The Efficiency Award, High Recovery area Award, The Highest Exportation of sugar Award, The Best Co-operative sugar factory Award etc. This factory also run Distillery plant, Organic manure plant, Tissue culture laboratory hand in hand. All these things are the pillars of their development.

Table -I: Profile of GANDEVI Co-operative Sugar factory.

Sr. No.	Performance Parameters	Performance		
		2010-11	2014-15	2019-20
1	Area under sugarcane (Acres)	37628	38850	35040
2	Yield (Per Acres tonnes)	31.87	28.64	27.12

3	Can Crushed TCD (tonne)	1159838	1112717	973488
4	Duration of session (days)	211	191	165
5	Sugar Production (Quintal)	1279151	1304250	1147720
6	Recovery of Sugar (%)	11.03	11.72	11.79
7	Average cane crushed per day (tonnes)	6111	6181	6225
8	Paid-up Prices to farmer per (tonnes)	2507	2650	3836
9	Members of Co-operative Sugar	13330	14195	14839
10	Employment provided by sugar factory	1026	1014	1003

TCD= Tonne (Capacity per Day)

Source: 54th, 58th, 63th Annual Audit Report Year 2010-11, 2014-15, 2019-20

The description of the table -I is as under.

- In 2010-11 Plantation area was 37628 Acres. It was increased in 2014-15 it became 38850 Acres in Indicates 3.24% growth. But in 2019-20 the plantation area got down and it became 35040 Acres. It means 6.88% decrease in last ten years.
- In year 2010-11 average per acre Production was 31.87 tonne was found. Against that it was reduced to 28.64 tonne per acre, which shows 10.13% reduction. In 2019-20 average production 27.12 tonne per acre, in total 14.20% reduction is found in Last ten years.
- In the year 2010-11 crushing of sugarcane was 1159836 tonnes against which in 2014-15 by reducing it became 1112717 tonne which shows, 4.06% reduction. But in 2019-20 it was reduced to 973488 tonnes. Which shows 16.07% reduction in Last ten years.
- In the year 2010-11 crushing days were 211. After that, in 2014-15 and 2019-20 reduction was found 9.48% and 21.80% (accordingly) Subsequently.
- In year the production of sugar was 1279151 quintals against which in year 2014-15 by increasing it become 1304250 quintals, that shows 1.96% increase. But in 2019-20 by reducing, it was 1147720 quintals. It shows 10.27% reduction in last ten years.
- In year sugar recovery was 11.03% against which in years 2014-15 and 2019-20 it was 6.26% and 6.89% the increased was maintained.
- In year 2010-11 average daily crushing was 6111 tonne and in years 2014-15 and 2019-20 it was increased by 1.15% and 1.87% subsequently
- In year 2010-11 farmers were paid Rs. 2507 per tonne. In that matter in year 2014-15 and 2019-20 5.70% and 53.01% increase was found.
- In year 2010-11 the total member of members was 13330 which increasingly became 14195 in 2014-15 which indicates 6.49% increase in the total member of members. Where as it was 14839 in year 2019-20 it indicates 11.32% increase in the last ten years.
- In year 2010-11 total member of employees was 1026. which in year 2014-15 by decreasing became 1014 which indicates 1.17% reduction. Again in 2019-20 it became 1003. It shows 2.24% deduction in the last Ten years.

CONCLUSION:

In conclusion in this factory, during the span of ten year there is reduction of important parameters like, plantation area, average production, crushing of sugarcane, production of sugar, the days of crushing and number of employees. Whereas the important parameter sugar recovery rate and the prizes paid to farmers has gone high constantly. Which indicates financial strength of this factory. It is more than other co-operative sugar factories of south Gujarat. Moreover, daily crushing is more then capacity. The number of members is growing constantly. Which reflects the financial strength of this factory. It also shows its contribution to the development surrounding area and the development of farmers, employers, the members economically.

Through the super management and administration this factory has performed well and proved its drive the goal achievement.

REFERENCES:

- I. 54th, 58th, 63th Annual Audit Report (Gandevi Co-Op, Sugar Factory) (Year of 2010-11, 2014-15, 2019-20)
- II. <https://allgujaratnews.in>
- III. <https://ganadevisugar.com>